

# SEQUENCE LISTING

<110> Long, David M.  
 Smidansky, Eric D.  
 Strobel, Gary A.

<120> In Vivo Addition of Telomeric Repeats to Exogenous DNA  
 Generates Extrachromosomal DNAs in the Fungus Pestalotiopsis

<130> 57309-5001-WO

<140> US 10/018,551  
 <141> 2001-12-20

<150> US 60/091,668  
 <151> 1998-07-02

<150> PCT/US99/15129  
 <151> 1999-07-02

<160> 12

<170> PatentIn Ver. 2.1

<210> 1  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:PCR primer

<400> 1  
 ttaccgcgag gacatatcca cg 22

<210> 2  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:PCR primer

<400> 2  
 atagctgcmc cgatggtttc ta 22

<210> 3  
 <211> 54  
 <212> DNA  
 <213> Pestalotiopsis microspora

<220>  
 <221> repeat\_unit  
 <222> (49)..(54)  
 <223> This unit is present one or more times.

<400> 3  
 taaagcaggg aagtatgcgc ttagggttag gtttttaggg ttagcttagg gtta 54

<210> 4  
 <211> 41  
 <212> DNA  
 <213> Pestalotiopsis microspora

<220>  
 <221> repeat\_unit  
 <222> (36)..(41)  
 <223> This unit is present one or more times.

<400> 4  
 accggtatcg tgagcatcct agcttagggg tattaggggt a 41

<210> 5  
 <211> 39  
 <212> DNA  
 <213> Pestalotiopsis microspora

<220>  
 <221> repeat\_unit  
 <222> (34)..(39)  
 <223> This unit is present one or more times.

<400> 5  
 tgcattggagc cgggccacct taggggttagc ttaggggtta 39

<210> 6  
 <211> 26  
 <212> DNA  
 <213> Pestalotiopsis microspora

<220>  
 <221> repeat\_unit  
 <222> (21)..(26)  
 <223> This unit is present one or more times.

<400> 6  
 gtgccgggga tcctagggtta ggggtta 26

<210> 7  
 <211> 28  
 <212> DNA  
 <213> Pestalotiopsis microspora

<220>  
 <221> repeat\_unit  
 <222> (21)..(28)  
 <223> This unit is present one or more times.

<400> 7  
 tggagccggg gagcgtgggt taggggtta 28

<210> 8  
 <211> 50  
 <212> DNA  
 <213> Pestalotiopsis microspora  
  
 <220>  
 <221> repeat\_unit  
 <222> (45)..(50)  
 <223> This unit is present one or more times.  
  
 <400> 8  
 tcgatggggg agtatggggg ttagcttagg gttagggttag cttagggtta 50  
  
 <210> 9  
 <211> 40  
 <212> DNA  
 <213> Pestalotiopsis microspora  
  
 <220>  
 <221> repeat\_unit  
 <222> (35)..(40)  
 <223> This unit is present one or more times.  
  
 <400> 9  
 ggggagtatg ggggagtacc ttaggggttag cttagggtta 40  
  
 <210> 10  
 <211> 31  
 <212> DNA  
 <213> Pestalotiopsis microspora  
  
 <220>  
 <221> repeat\_unit  
 <222> (26)..(31)  
 <223> This unit is present one or more times.  
  
 <400> 10  
 gcgacggacg cactgacggt tagggggggtt a 31  
  
 <210> 11  
 <211> 15  
 <212> DNA  
 <213> Pestalotiopsis microspora  
  
 <220>  
 <221> repeat\_unit  
 <222> (1)..(6)  
 <223> This unit is present one or more times (sequence  
 is at telomeric repeat junction near 5' end of  
 extrachromosomal DNA).  
  
 <400> 11  
 ccctaaccga cgcta 15

<210> 12  
<211> 27  
<212> DNA  
<213> Pestalotiopsis microspora

<220>  
<221> repeat\_unit  
<222> (22)..(27)  
<223> This unit is present one or more times (sequence  
is at telomeric repeat junction near 3' end of  
extrachromosomal DNA).

<400> 12  
ccgggccacc ttagggtag ctaggg

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